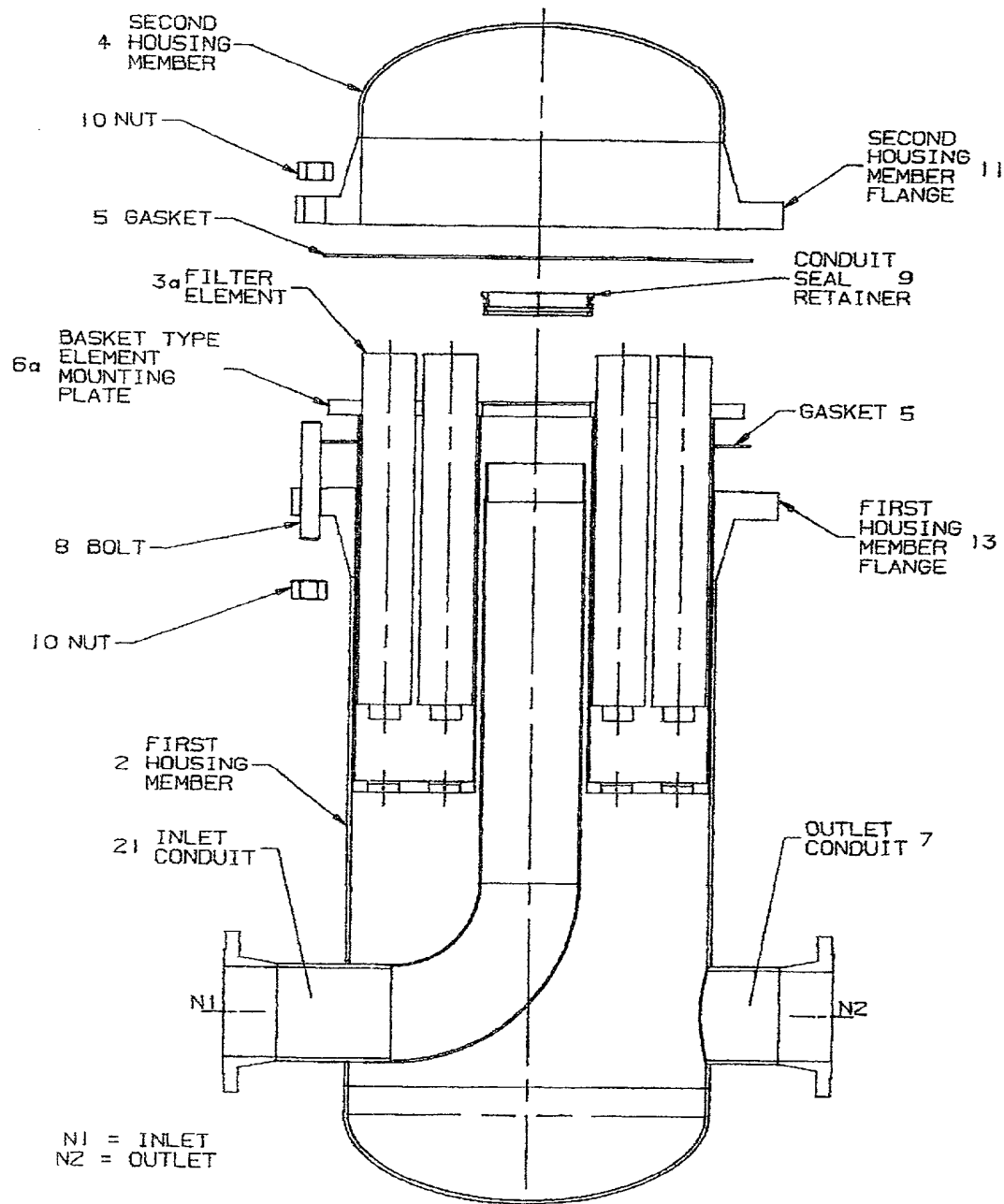


FILTER ASSEMBLY
INSIDE-OUT ELEMENT FLOW

FIG. 1

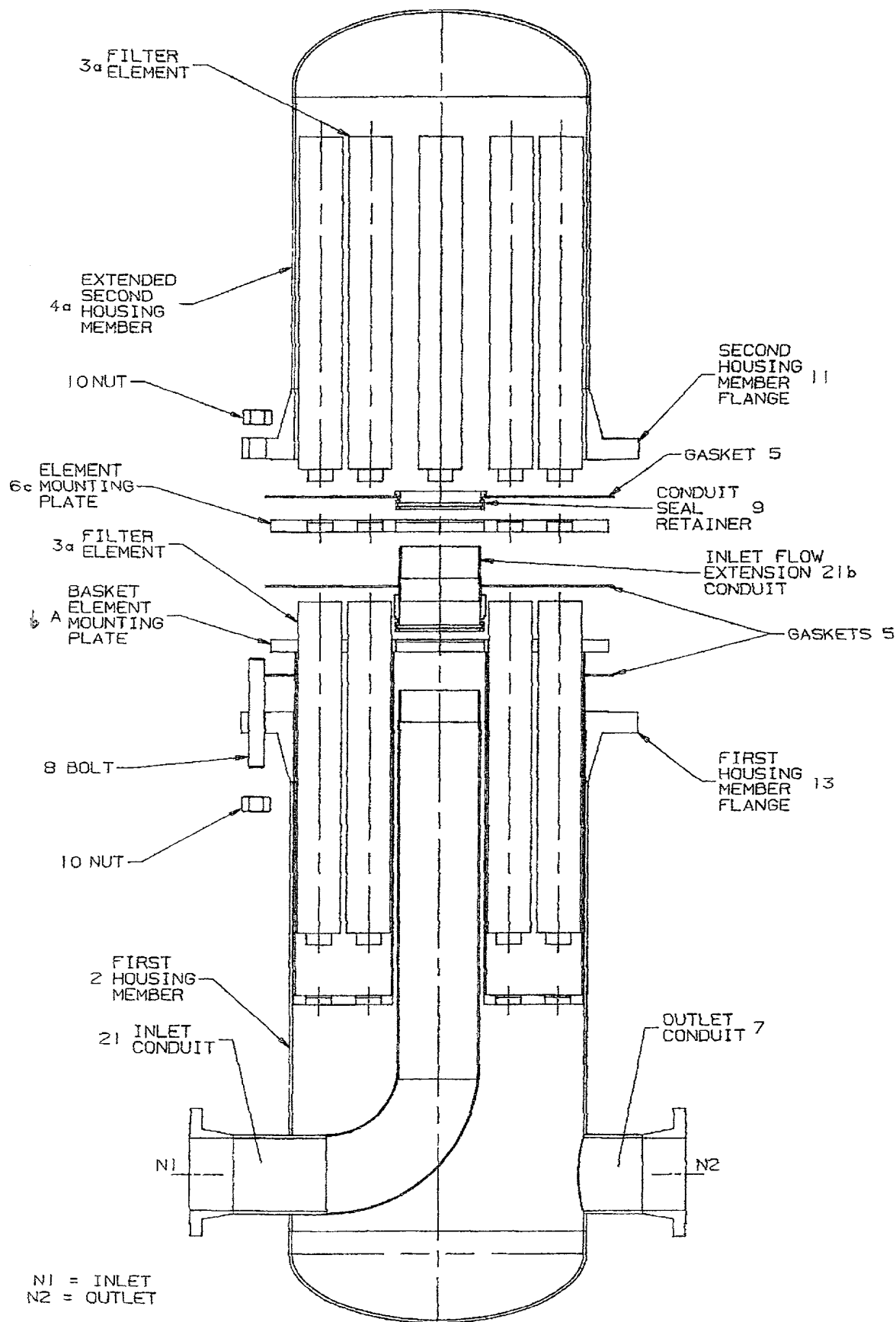
100445 0340



FILTER ASSEMBLY
OUTSIDE-IN ELEMENT FLOW

FIG. 2

1004345-000400



N1 = INLET
N2 = OUTLET

PRE FILTER & AFTER FILTER
OUTSIDE-IN UPSTREAM ELEMENT FLOW
OUTSIDE-IN DOWNSTREAM ELEMENT FLOW

FIG. 3

3 FILTER ELEMENT

CONDUIT SEAL RETAINER 9

EXTENDED SECOND HOUSING MEMBER 4a

10 NUT

BASKET MOUNTING PLATE 6a

3a FILTER ELEMENT

BASKET MOUNTING PLATE 6a

8 BOLT

10 NUT

FIRST HOUSING MEMBER 2

21 INLET CONDUIT

N1

N1 = INLET
N2 = OUTLET

SECOND HOUSING MEMBER 11

SECOND HOUSING MEMBER FLANGE

GASKET 5

INLET FLOW EXTENSION 21a CONDUIT

GASKETS 5

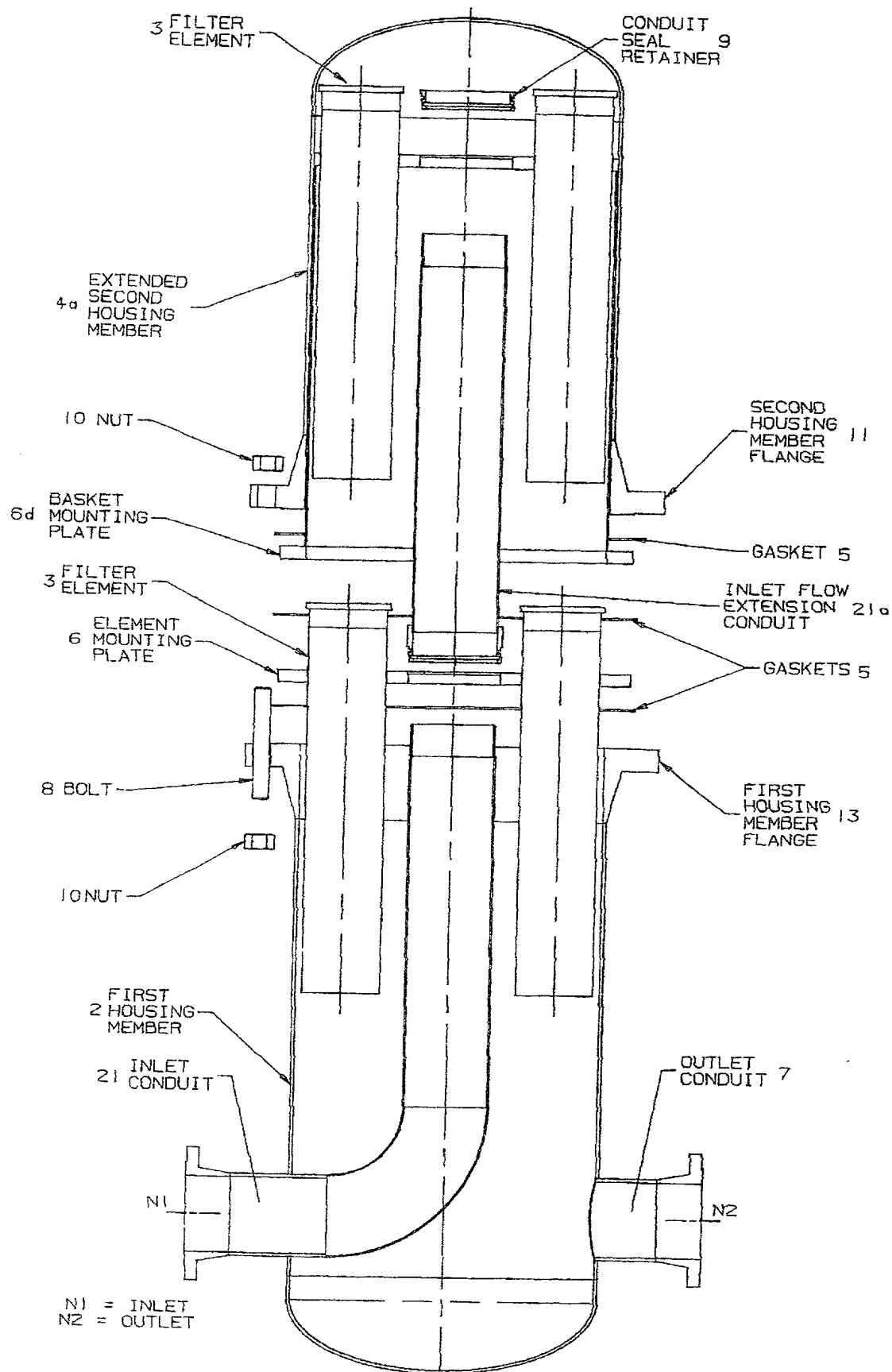
FIRST HOUSING MEMBER FLANGE 13

OUTLET CONDUIT 7

N2

FIG. 4

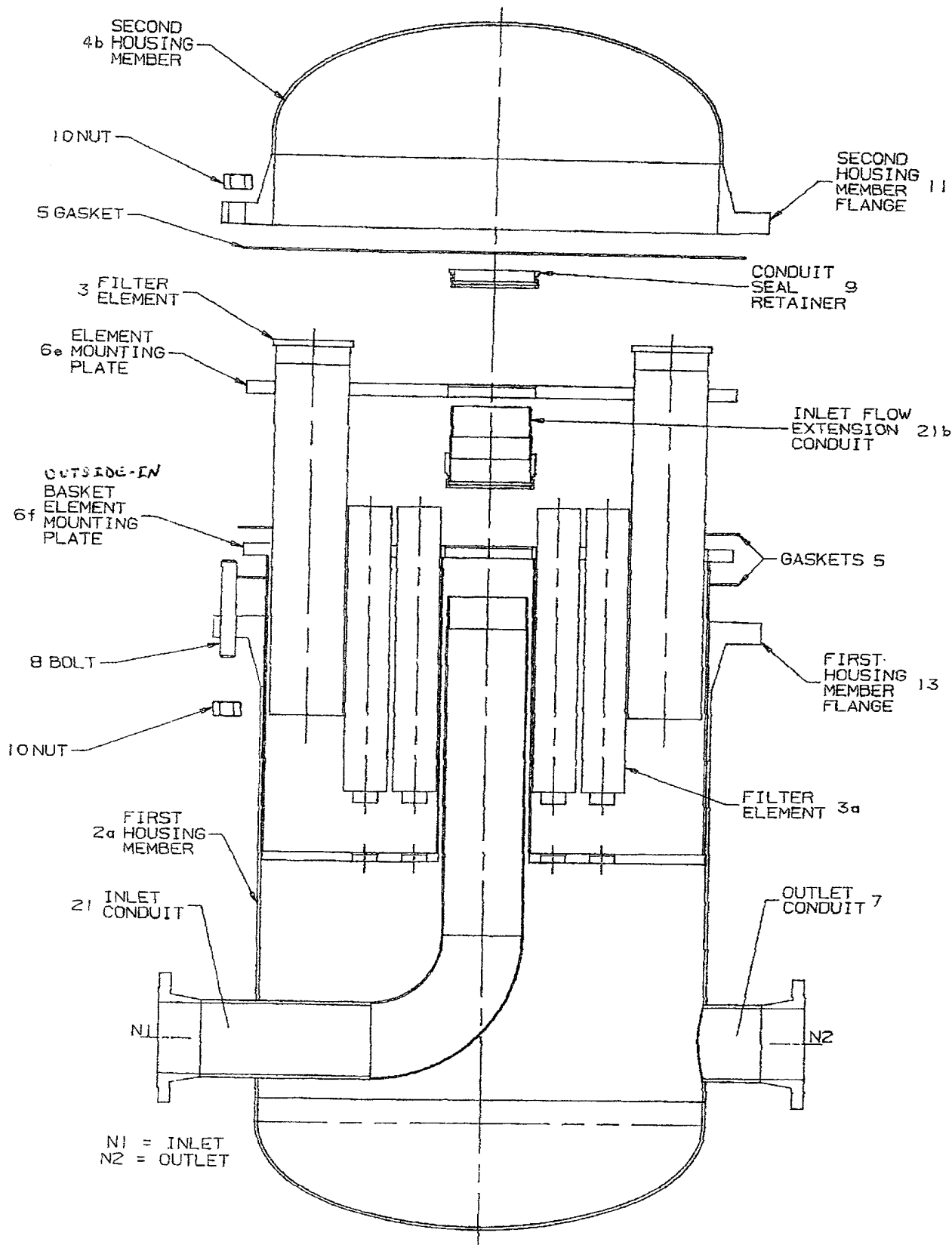
108436 "00000" 514800



PRE FILTER & AFTER FILTER
INSIDE-OUT UPSTREAM ELEMENT FLOW
INSIDE-OUT DOWNSTREAM ELEMENT FLOW

FIG. 5

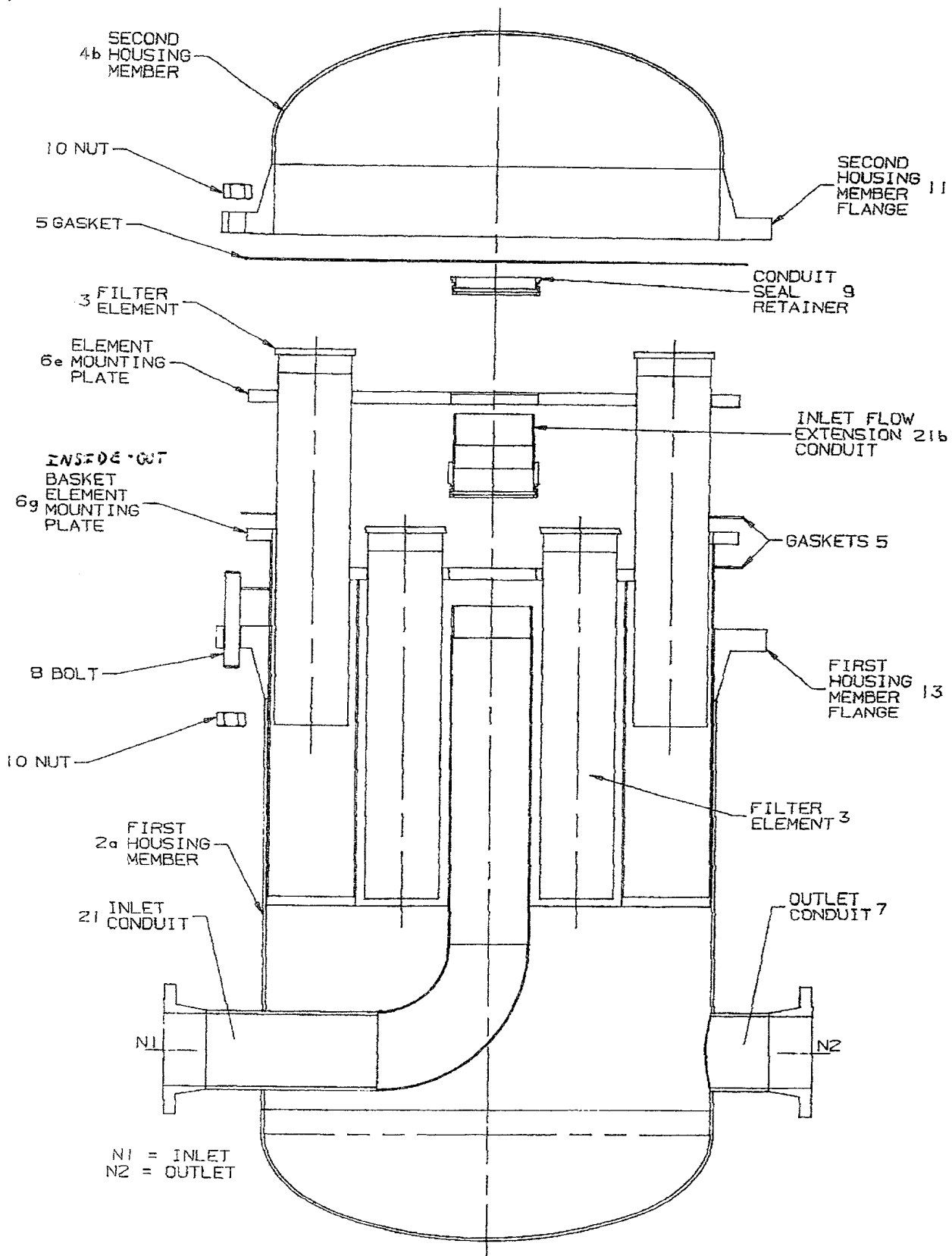
10081315 00000000



PRE FILTER & AFTER FILTER
INSIDE-OUT UPSTREAM ELEMENT FLOW
OUTSIDE-IN DOWNSTREAM ELEMENT FLOW

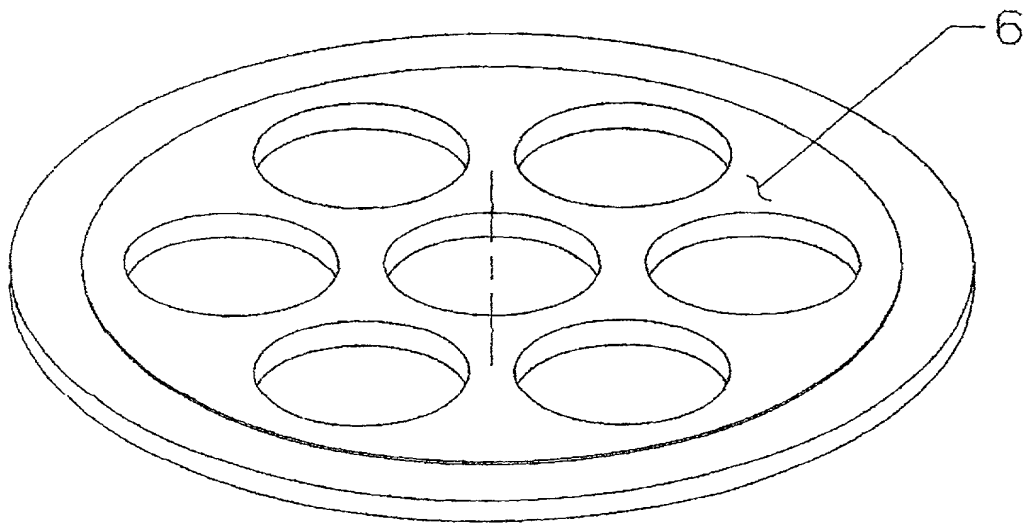
FIG. 6

100449-1000



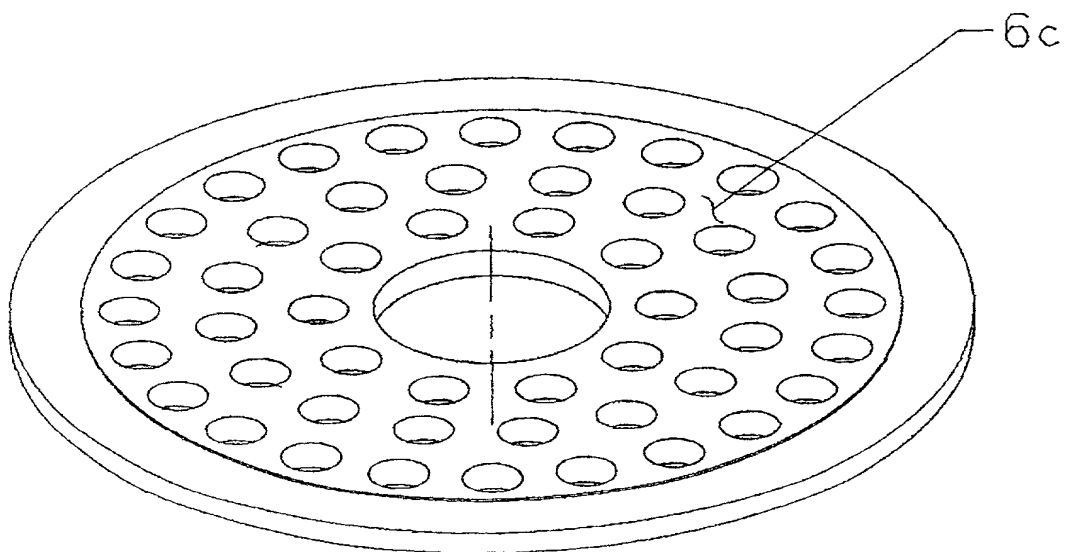
PRE FILTER & AFTER FILTER
INSIDE-OUT UPSTREAM ELEMENT FLOW
INSIDE-OUT DOWNSTREAM ELEMENT FLOW

FIG. 7



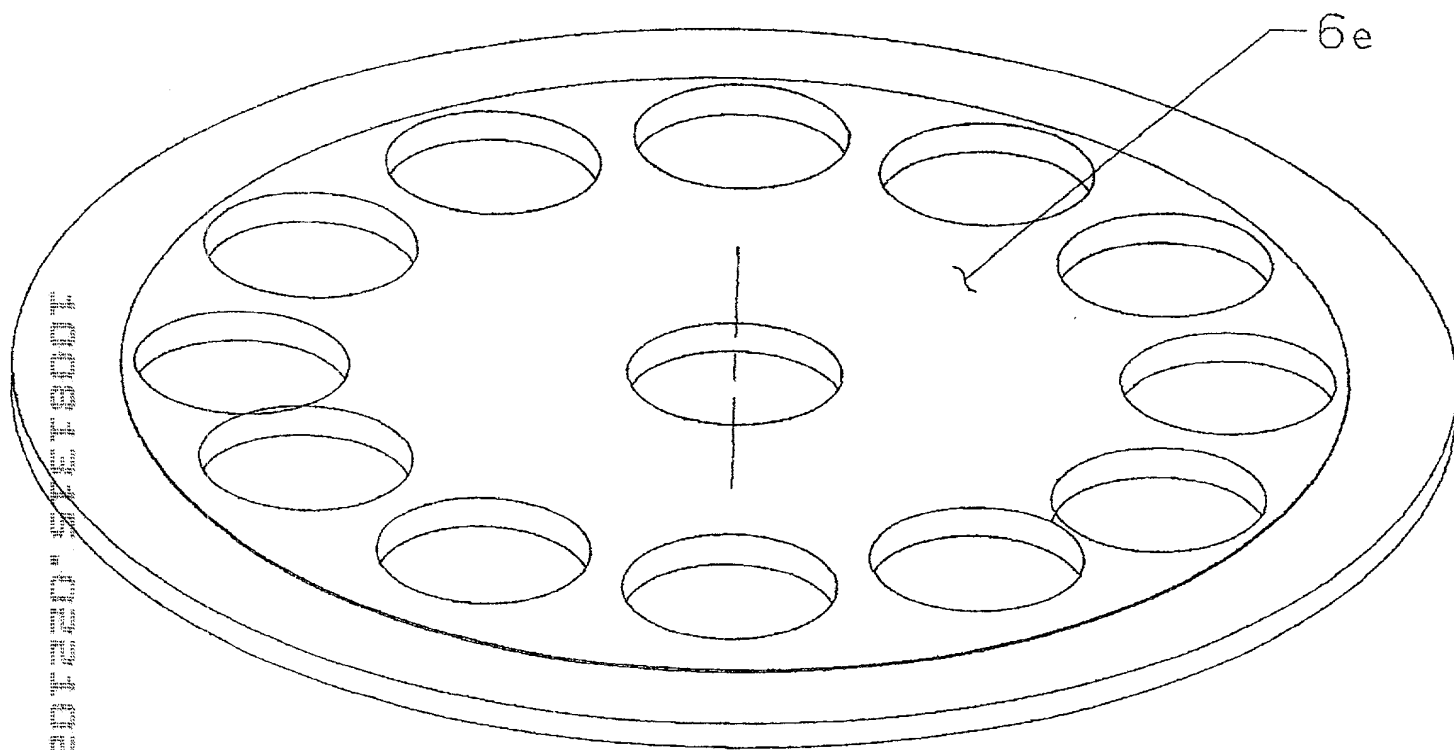
INSIDE-OUT ELEMENT FLOW MOUNTING PLATE

FIG. 8A



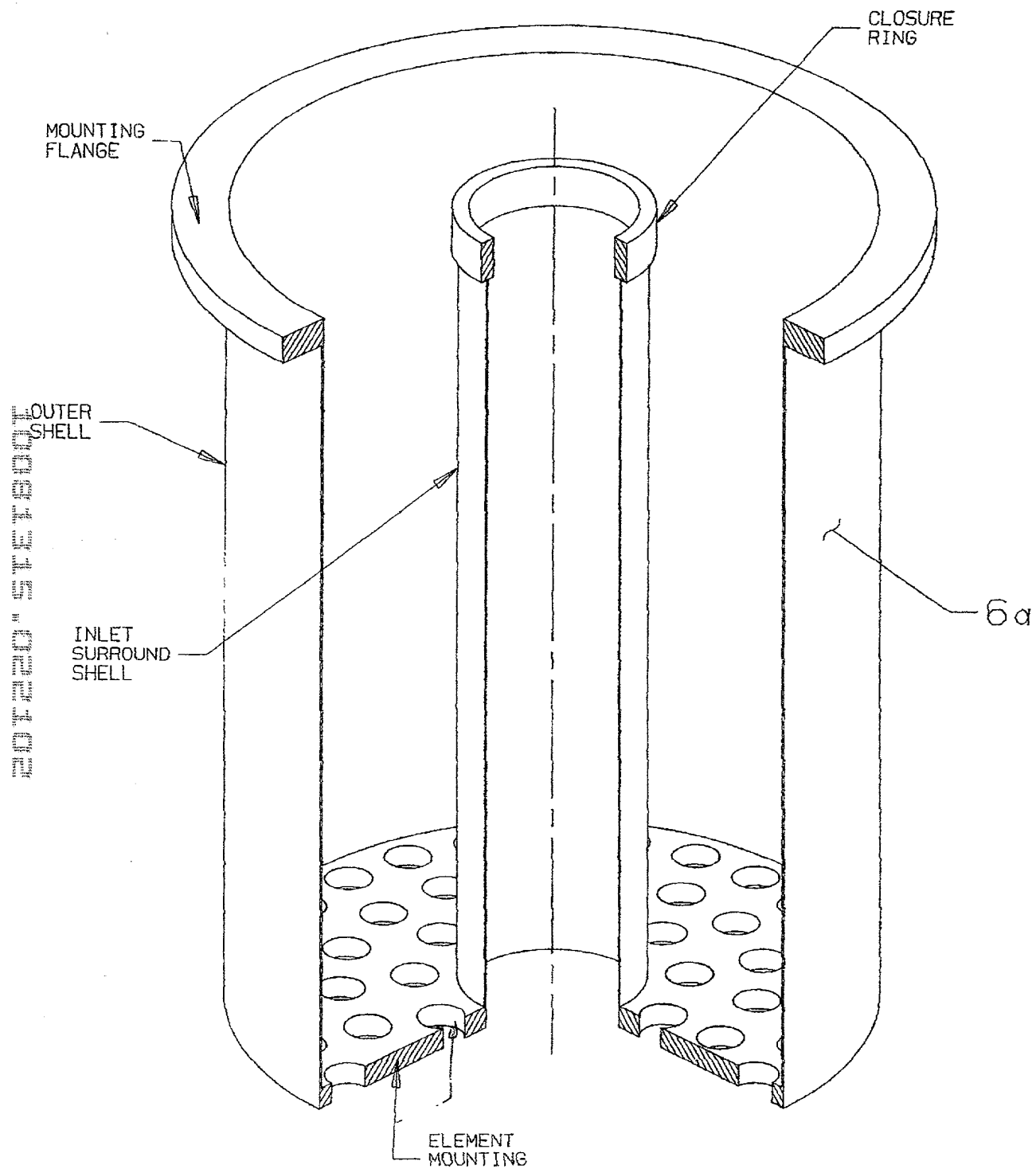
OUTSIDE-IN ELEMENT FLOW MOUNTING PLATE

FIG. 8B



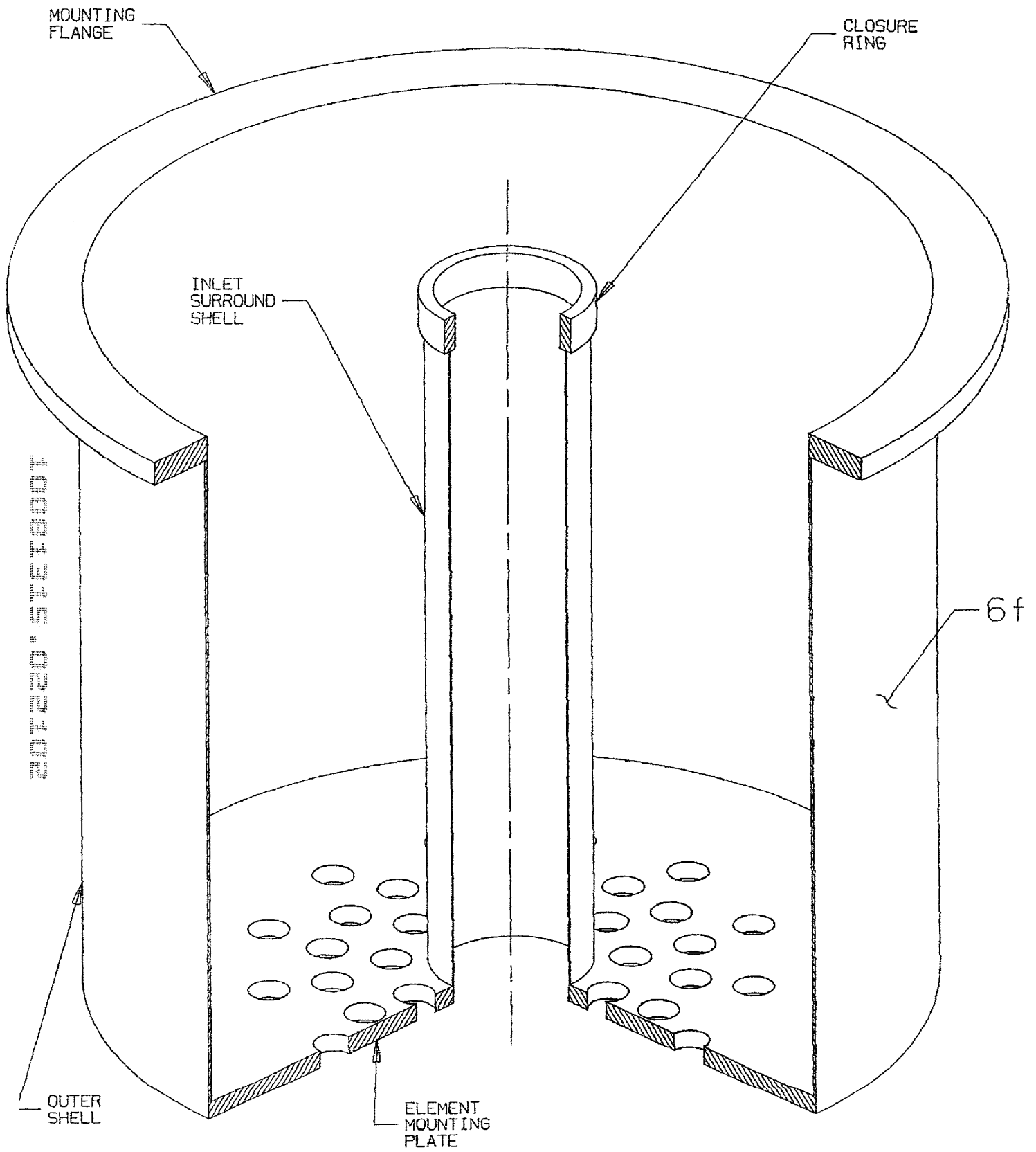
INSIDE-OUT ELEMENT FLOW PREFILTER MOUNTING PLATE

FIG. 8C



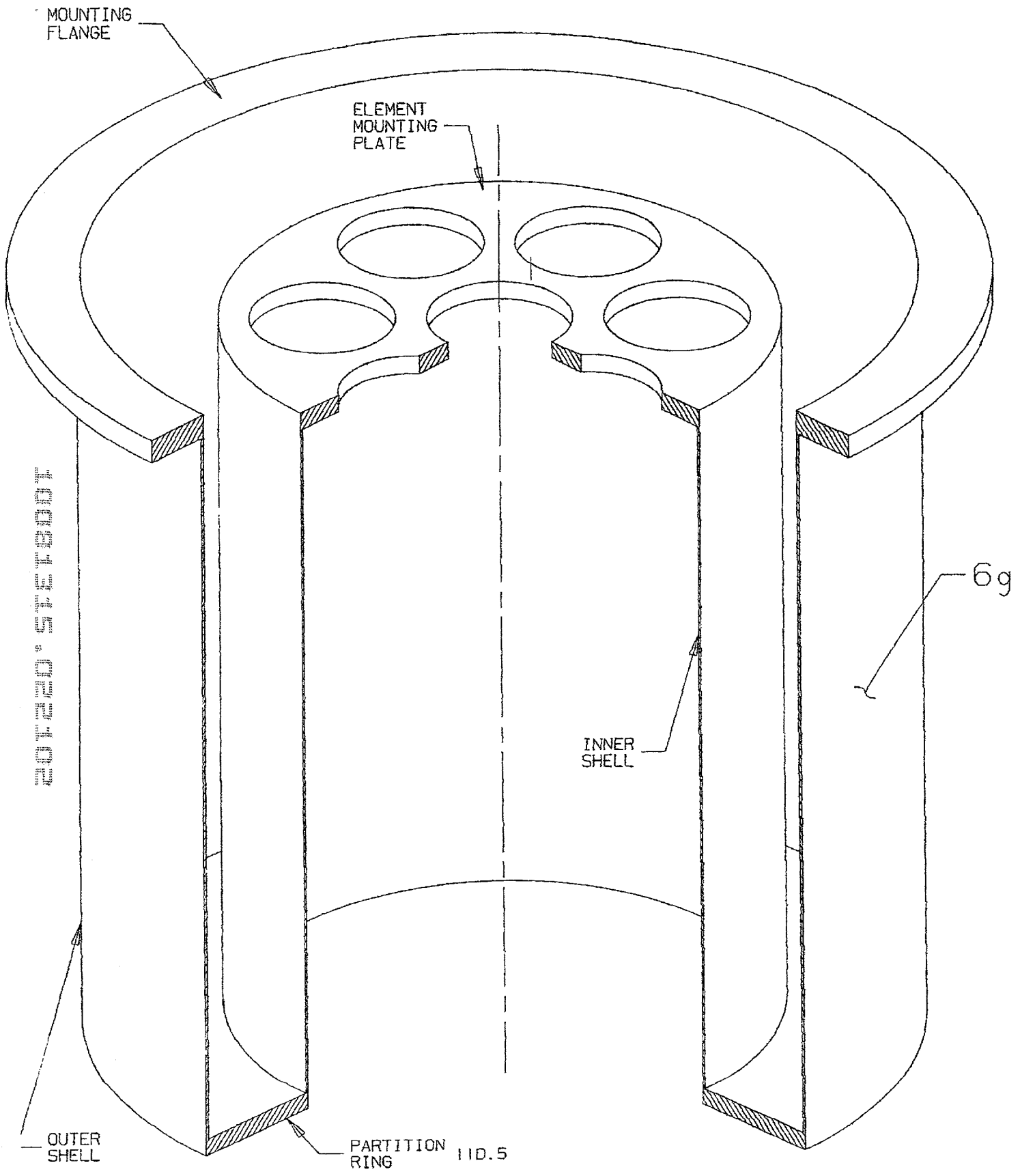
OUTSIDE-IN ELEMENT FLOW ADAPTER

FIG. 9A



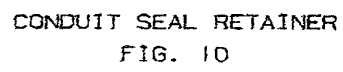
OUTSIDE-IN ELEMENT FLOW AFTER FILTER ADAPTER

FIG. 9C

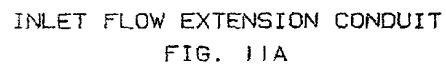


INSIDE-OUT ELEMENT FLOW AFTER FILTER ADAPTER

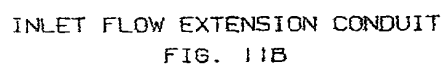
FIG. 9D



CONDUIT SEAL RETAINER
FIG. 10

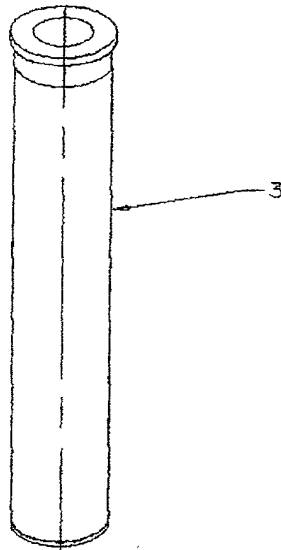


INLET FLOW EXTENSION CONDUIT
FIG. 11A

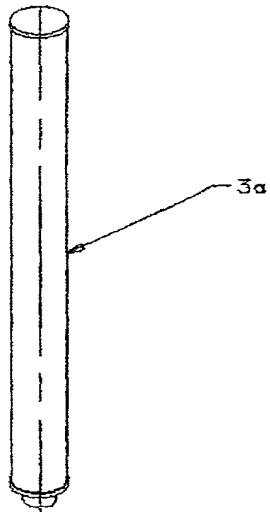


INLET FLOW EXTENSION CONDUIT
FIG. 11B

[illegible]



FILTER ELEMENT
INSIDE-OUT FLOW
(PRIOR ART)
FIG. 12



FILTER ELEMENT
OUTSIDE-IN FLOW
(PRIOR ART)
FIG. 13

10081315.002102